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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Gregory B. Hale, et al. Examiner: To be assigned  
Serial No. 10/687,190 Group Art Unit: To be assigned  
Filed: October 15, 2003 Docket No. 58085-010204  
Title: MANAGEMENT OF THE FLOW OF PERSONS IN RELATION TO  
CENTERS OF CROWD CONCENTRATION  
Customer No.: 33717

Certificate of Mailing

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed Commissioner for Patents, Post Office Box 1450, Alexandria, Virginia 22313-1450 on April 29, 2004.

*Shaula Coyl*  
Shaula Coyl

INFORMATION DISCLOSURE STATEMENT [37 C.F.R. § 1.56]

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Commissioner for Patents  
Post Office Box 1450  
Alexandria, Virginia 22313-1450

Sir/Madam:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, applicant brings the references listed on the attached Form PTO-1449 to the examiner's attention. 37 C.F.R. § 1.56. Do not construe the filing of this information disclosure statement as a representation that applicant has made a search (37 C.F.R. § 1.97(g)), or as an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists. We enclose copies of any cited foreign documents. Copies of the U.S. references are not enclosed.

This Information Disclosure Statement is being submitted:

- ☒ 1. Within three months of the filing date of a national application other than a continued prosecution application under 37 C.F.R. § 1.53(d), or within three months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491

in an international application; or before the mailing date of a first Office action on the merits, and therefore, Applicant believes no fee is required;

- ☐ 2. After the period specified in paragraph (1) above of this section, but before the mailing date of either a final action under 37 C.F.R. § 1.113, or a notice of allowance under 37 C.F.R. § 1.311, whichever occurs first, and is accompanied by either:

- ☐ a. A statement that:
- (i) Each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months before the filing of the information disclosure statement; or
  - (ii) No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months before the filing of the information disclosure statement;

- ☐ b. The fee for filing an Information Disclosure Statement under 37 C.F.R. § 1.17(p) is \$180.00.

- ☐ 3. After the period specified in paragraph (2) of this section, but on or before payment of the issue fee and is accompanied by:

- ☐ a. A statement that:
- (i) Each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months before the filing of the information disclosure statement; or

(ii) No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months before the filing of the information disclosure statement;

- ☐ b. A petition requesting consideration of the information disclosure statement; and
- ☐ c. The petition fee set forth in 37 C.F.R. § 1.17(i).

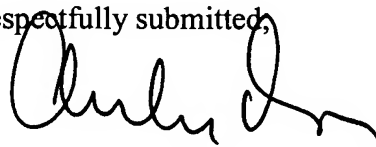
Applicant would appreciate the examiner initialing and signing a copy of attached Form PTO-1449 indicating that he or she considered the information and made the information of record.

If the transmittal letter is separated from this document and the PTO determines that an extension or other relief is required, applicant petitions for any required relief including extensions of time and authorizes the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to Deposit Account No. 50-2638.

Authorization is hereby given to charge any fees due, or credit any overpayment of fees, to Deposit Account No. 50-2638.

Date: April 29, 2004

Respectfully submitted,



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FORM PTO-1449	Attorney Docket Number	58085-010204
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)	Application Number	10/687,190
	Filing Date	October 15, 2003
	Applicant(s)	Gregory B. Hale, et al.
	Group Art Unit	To be assigned
	Examiner Name	To be assigned

U.S. PATENT DOCUMENTS						
EXAMINER INITIALS	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,893,097	07.01.1995	Lach et al			
	3,998,570	12.21.1976	Jacobs			
	4,081,669	03.24.1978	Klingman			
	4,086,475	04.25.1978	Churchill			
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	4,247,759	01.27.1981	Yuris et al			
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	5,210,786	05.11.1993	Itoh			
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	5,305,197	04.19.1994	Axler et al			
	5,317,318	05.31.1994	Thomas et al			
	5,408,417	04.18.1995	Wilder			
	5,429,361	07.04.1995	Raven et al			
	5,455,851	10.03.1995	Chaco et al			
	5,461,371	10.24.1995	Matsumoto et al			
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	5,502,806	03.26.1996	Mahoney et al			
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	6,329,919	12.11.2001	Boies et al			
	6,363,351	03.26.2002	Moro			
	6,374,176	04.16.2002	Schmier et al			
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	6,490,409	12.03.2002	Walker			
	6,529,786	03.04.2003	Sim			

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						YES	NO
	DE 1006392A3	08.09.1994	Germany				
	EP 0086199 1	04.08.1987	Europe				
	EP 1076319A1	02.14.2001	Europe				
	FR 2612669	09.23.1988	France				
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	JP 05-073596	03.26.1993	Japan				
	JP 06-019940	01.28.1994	Japan				
	JP 06-203238	07.22.1994	Japan				

<div style="text-align: center;">  <p><b>FORM PTO-1449</b></p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>(use as many sheets as necessary)</p> </div>	Attorney Docket Number	58085-010204
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	JP 07-234893	09.05.1995	Japan				
	JP 08-315188	11.29.1996	Japan				
	JP 09-327991	12.22.1997	Japan				
	JP 10-049571	02.20.1998	Japan				
	WO 90.09002	08.09.1990	WIPO Intl Bureau				
	WO 97.18534	05.22.1997	WIPO Intl Bureau				

OTHER DOCUMENTS	
EXAMINER INITIALS	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

EXAMINER SIGNATURE	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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